

Resource Summary Report

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Peroxiredoxin-SO3 antibody

RRID:AB_443491

Type: Antibody

Proper Citation

(Abcam Cat# ab16830, RRID:AB_443491)

Antibody Information

URL: http://antibodyregistry.org/AB_443491

Proper Citation: (Abcam Cat# ab16830, RRID:AB_443491)

Target Antigen: Peroxiredoxin-SO3 antibody

Host Organism: rabbit

Clonality: polyclonal

Comments: validation status unknown, seller recommendations provided in 2012: Immunohistochemistry; Immunofluorescence; Western Blot; Immunocytochemistry; Immunohistochemistry - fixed; ICC/IF, IHC-P, WB

Antibody Name: Peroxiredoxin-SO3 antibody

Description: This polyclonal targets Peroxiredoxin-SO3 antibody

Target Organism: rat, mouse, human

Antibody ID: AB_443491

Vendor: Abcam

Catalog Number: ab16830

Record Creation Time: 20241017T000714+0000

Record Last Update: 20241017T014348+0000

Ratings and Alerts

No rating or validation information has been found for Peroxiredoxin-SO3 antibody.

No alerts have been found for Peroxiredoxin-SO3 antibody.

Data and Source Information

Source: [Antibody Registry](#)

Usage and Citation Metrics

We found 7 mentions in open access literature.

Listed below are recent publications. The full list is available at [FDI Lab - SciCrunch.org](#).

Cui S, et al. (2023) Identification of hyperoxidized PRDX3 as a ferroptosis marker reveals ferroptotic damage in chronic liver diseases. *Molecular cell*, 83(21), 3931.

Xia Q, et al. (2023) Peroxiredoxin 2 is required for the redox mediated adaptation to exercise. *Redox biology*, 60, 102631.

Hao Y, et al. (2022) Screening compound libraries for H2O2-mediated cancer therapeutics using a peroxiredoxin-based sensor. *Cell chemical biology*, 29(4), 625.

Sharma A, et al. (2021) Neuroprotective Effects of Fluoxetine on Molecular Markers of Circadian Rhythm, Cognitive Deficits, Oxidative Damage, and Biomarkers of Alzheimer's Disease-Like Pathology Induced under Chronic Constant Light Regime in Wistar Rats. *ACS chemical neuroscience*, 12(12), 2233.

Hughes CE, et al. (2020) Cysteine Toxicity Drives Age-Related Mitochondrial Decline by Altering Iron Homeostasis. *Cell*, 180(2), 296.

Wagner PM, et al. (2019) Proliferative Glioblastoma Cancer Cells Exhibit Persisting Temporal Control of Metabolism and Display Differential Temporal Drug Susceptibility in Chemotherapy. *Molecular neurobiology*, 56(2), 1276.

Kim T, et al. (2019) SRXN1 Is Necessary for Resolution of GnRH-Induced Oxidative Stress and Induction of Gonadotropin Gene Expression. *Endocrinology*, 160(11), 2543.